



# PTP

## Grandmaster & Slave

### PTP Grandmaster, PTP Slave and PTP Transparent Clocks

#### VCL-2145-D / VCL-2145-DE: GPS/GNSS (1+1), PTP, NTP, PRC (G.811), IRIG-B

- Input: GPS/GNSS (1+1)
- Outputs: • PTP • NTP • 1.544Mbit/s (T1) / 2.048Mbit/s (E1) • 2.048MHz • IRIG-B • 10MHz • 1/5/10MHz • 1PPS • 1PPM • ToD NMEA 0183
- Power Supply: 24V DC, 48V DC, 110-220V DC, 110-220V AC, 1+1 Redundant PSU

#### VCL-2156-PTP: PTP, NTP, PRC (G.811), IRIG-B

- Input: GPS/GNSS
- Outputs: • PTP • NTP • 2.048Mbit/s • 2.048MHz • 1/5/10MHz • IRIG-B • 1PPS • ToD NMEA 0183
- Power Supply: 24V DC, 48V DC, 110-220V DC, 110-220V AC, 1+1 Redundant PSU

#### VCL-2750: PTP Slave Clock (DIN Rail)

- Input: PTP IEEE-1588v2
- Outputs: • 1PPS • IRIG-B • ToD NMEA 0183
- Power Supply: 24V DC, 48V DC, 110-220V DC, 110-220V AC, 1+1 Redundant PSU

#### VCL-2112: PTP Slave Clock (19-Inch Rack-Mount)

- Input: PTP IEEE-1588v2
- Outputs: • 1.544Mbit/s (T1) / 2.048Mbit/s (E1) • 2.048MHz • 10MHz • IRIG-B • 1PPS • NMEA 0183
- Power Supply: 24V DC, 48V DC, 110-220V DC, 110-220V AC, 1+1 Redundant PSU

#### VCL-2739: PTP Aware Switch / PTP Transparent Clock (DIN Rail)

- Input: PTP IEEE-1588v2
- Outputs: PTP (5 x 1GE, 1 x SFP)
- Power Supply: 12V DC, 24V DC, 48V DC, 110-220V DC, 110-220V AC

IEEE-1588v2

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**U.S.A.**  
Valcomm Technologies Inc.  
4000 Ponce de Leon Blvd.,  
Suite 470, Coral Gables,  
FL 33146, U.S.A.  
E-mail: us@valiantcom.com

**U.K.**  
Valiant Communications (UK) Ltd  
Central House Rear Office  
124 High Street, Hampton Hill  
Middlesex, TW12 1NS, U.K.  
E-mail: gb@valiantcom.com

**INDIA**  
Valiant Communications Limited  
71/1, Shivaji Marg,  
New Delhi - 110015,  
India  
E-mail: mail@valiantcom.com

